USER´S MANUAL

LED PAR 56 PRO

AstroLite

SAFETY INSTRUCTIONS

CAUTION!

Be careful with your operations. With a dangerous voltage you can suffer a dangerous electric shock when touching the wires!

Keep this device away from rain and moisture!

Unplug mains lead before opening the housing!

For your own safety, please read this user manual carefully before you initial start-up.

Features:

Four operation modes: DMX 512 protocol, auto and master/slave and sound active operating in various modes to form different led effects

DMX-512 connection / connection between fixtures

Occupation of the XLR-connection:

If you are using controllers with this occupation, you can connect the DMX-output of the controller directly with the DMX-input of the first fixture in the DMX-chain. If you wish to connect DMX-controllers with other XLR-outputs, you need to use adapter-cables.

Building a serial DMX-chain:

Connect the DMX-output of the first fixture in the DMX-chain with the DMX-input of the next fixture. Always connect one output with the input of the next fixture until all fixtures are connected.

Caution: At the last fixture, the DMX-cable has to be terminated with a terminator. Solder a 120 resistor between Signal (–) and Signal (+) into a 3-pin XLR-plug and plug it in the DMX-output of the last fixture.

Connection with the mains

Connect the device to the mains with the enclosed power supply cable.

OPERATION

1. DMX 512 protocol

Addressing

The dip switch on the rear side of the base allows you to assign the DMX fixture address, which is defined as the first channel from which the item will respond to the controller. If you set, for example, the address to channel 7, the item will use the channel 7 to 11 for control. Please, be sure that you don't have any overlapping channels in order to control each item correctly and independently from any other fixture on the DMX data link. If two, three or more items are addressed similarly, they will work similarly. For address setting, please note the following:

DIP NUMBER	DMX VALUE
1	1
2	2
3	4
4	8
5	16
6	32
7	64
8	128
9	256
10	512

The DMX address can be set by 1-9 dip switches on the rear panel of the unit. For example, under the control of the standard 16-channel DMX operator, if the address of the 1st item is set as 1, the dip 1 should be ON, the second, 2 ON, third 1,2 ON, fourth 3, fifth 1,3 ON,… Under DMX 512 address setting the dip 10 should be to OFF position.

SIX DMX channels:

Channel 1: red from small to big brightness (dimmig)
Channel 2: green from small to big brightness (dimmig)
Channel 3: blue from small to big brightness (dimmig)
Channel 4: manual color mixing
0-15 macro off
16-255 macro on
Channel 5: strobe and speed adjustments
0-15 off
16-255 strobe speed with 16 adjustable speeds
0-255 speed adjusting when channel 6 at 28-195
0-255 hold sound when channel 6 at 196-223
Channel 6: mode
0-27 dimmer
28-55 decreasing brightness
56-83 increasing brightness
84-111 decreasing brightness then increasing brightness
112-139 auto color mix
140-167 3-color flash
168-195 7-color flash
196-223 hold sound
224-255 sound control

2. Automatic mode

Push dip 9, 10 to ON position, the item will be at auto color mixing mode, speed adjusting from slow to fast by pushing dip1-6.

3. Sound active

Mode A: Push dip 7, 8, 9, 10 to ON position, the item will be at sound active mode, 1-16 running modes can be achieved via pushing dip1-4. Push dip 5 to ON position, the 16 modes will run automatically. The sound sensitivity can be adjusted.
Mode B: Push dip10 to ON position, the item will be at sound active mode. The sound sensitivity can be adjusted.

4. Manual operations

Push dip 8,9,10 to ON position, the item will be at manual mode:
***dip 1, 2 to ON position, red
*** dip 3, 4 to ON position, green
***dip 5, 6 to ON position, blue

5. Synchronization & master /slave mode

Set the item at sound active, auto, manual operations mode, then the item at master mode and then get the other units and push dip1-10 to OFF position, the units will be at slave mode.

TECHNICAL SPECIFICATIONS

Power supply: 220-240V AC 50/60Hz
Power consumption: MAX. 11W
Fuse: 250V 0.5A
DMX-control-channels: 6
DMX-512-connection: 3-pin XLR
Number of LED: 151 high output φ10 LED:
R/G/B:51/49/51 PCS
Flash-rate: max. 10 Hz
Dimensions: 220x210x220mm
Weight: 1.50kgs

Please note: Any information is subject to change without prior notice.